

IN THE UNITED STATES
PATENT AND TRADEMARK OFFICE

Declaration and Power of Attorney

As the below named inventor, I hereby declare that:

My residence, post office address and citizenship are as stated below next to my name.

I believe I am the original, first and **joint** inventor of the subject matter which is claimed and for which a patent is sought on the invention entitled **OPTICAL PULSE SOURCE FOR LONG HAUL OPTICAL COMMUNICATION SYSTEMS** the specification of which is attached hereto.

I hereby state that I have reviewed and understand the contents of the above identified specification, including the claims, as amended by an amendment, if any, specifically referred to in this oath or declaration.

I acknowledge the duty to disclose all information known to me which is material to patentability as defined in Title 37, Code of Federal Regulations, 1.56.

I hereby claim foreign priority benefits under Title 35, United States Code, 119 of any foreign application(s) for patent or inventor's certificate listed below and have also identified below any foreign application for patent or inventor's certificate having a filing date before that of the application on which priority is claimed:

None

I hereby claim the benefit under Title 35, United States Code, 120 of any United States application(s) listed below and, insofar as the subject matter of each of the claims of this application is not disclosed in the prior United States application in the manner provided by the first paragraph of Title 35, United States Code, 112, I acknowledge the duty to disclose all information known to me to be material to patentability as defined in Title 37, Code of Federal Regulations, 1.56 which became available between the filing date of the prior application and the national or PCT international filing date of this application:

U.S. Provisional Application 60/276,070, filed March 15, 2001

I hereby declare that all statements made herein of my own knowledge are true and that all statements made on information and belief are believed to be true; and further that these statements were made with the knowledge that willful false statements and the like so made are punishable by fine or imprisonment, or both, under Section 1001 of Title 18 of the United States Code and that such willful false statements may jeopardize the validity of the application or any patent issued thereon.

I hereby appoint the following attorney(s) with full power of substitution and revocation, to prosecute said application, to make alterations and amendments therein, to receive the patent, and to transact all business in the Patent and Trademark Office connected therewith:

Kenneth M. Brown	(Reg. No. 37590)
Donald P. Dinella	(Reg. No. 39961)
Martin I. Finston	(Reg. No. 31613)
Barry H. Freedman	(Reg. No. 26166)
Julio A. Garceran	(Reg. No. 37138)
Jimmy Goo	(Reg. No. 36528)
Stephen M. Gurey	(Reg. No. 27336)
Matthew J. Hodulik	(Reg. No. 36164)
Eugene S. Indyk	(Reg. No. 30711)
Michael B. Johannesen	(Reg. No. 35557)
Irena Lager	(Reg. No. 39260)
John B. MacIntyre	(Reg. No. 41170)
Christopher N. Malvone	(Reg. No. 34866)
John F. McCabe	(Reg. No. 42854)
Gregory J. Murgia	(Reg. No. 41209)
Neil R. Ormos	(Reg. No. 35309)
Eugene J. Rosenthal	(Reg. No. 36658)
Bruce S. Schneider	(Reg. No. 27949)
Ozer M. N. Teitelbaum	(Reg. No. 36698)
Jeffrey M. Weinick	(Reg. No. 36304)

I hereby appoint the attorney(s) on ATTACHMENT A as associate attorney(s) in the aforementioned application, with full power solely to prosecute said application, to make alterations and amendments therein, to receive the patent, and to transact all business in the Patent and Trademark Office connected with the prosecution of said application. No other powers are granted to such associate attorney(s) and such associate attorney(s) are specifically denied any power of substitution or revocation.

Full name of 1st **joint** inventor: Benjamin John Eggleton

Inventor's
signature _____ Date _____

Residence: Summit, County of Union and State of New Jersey

Citizenship: Australia

Post Office Address: 17 Aubrey Street
Summit, New Jersey 07901

2009220 88248007

Full name of 2nd **joint** inventor: Daniel Mahgerefteh

Inventor's
signature _____ Date _____

Residence: Los Angeles, State of California

Citizenship: USA

Post Office Address: 10620 Wilkins Avenue #4
Los Angeles, California 90024

10620 Wilkins Avenue #4
Los Angeles, California 90024

Full name of 3rd **joint** inventor: Paul Steinvurzel

Inventor's
signature _____ Date _____

Residence: Jersey City, Hudson County, State of New Jersey

Citizenship: USA

Post Office Address: 154 Hopkins Avenue - Apt. 1
Jersey City, New Jersey 07306

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Full name of 4th **joint** inventor: Paul Stephen Westbrook

Inventor's
signature _____ Date _____

Residence: Chatham, County of Morris and State of New Jersey

Citizenship: USA

Post Office Address: 420 River Road Apt. K-11
Chatham, New Jersey 07928

10084788-02600

ATTACHMENT A

Attorney Name(s): Glen E. Books, Esq. Reg. No.: 24,950

Telephone calls should be made to Glen E. Books, Esq. at:

Phone No.: 973-597-6162

Fax No.: 973-597-6163

All written communications are to be addressed to:

Glen E. Books, Esq.
LOWENSTEIN SANDLER PC
Attorneys At Law
65 Livingston Avenue
Roseland, New Jersey 07068
973.597.2500

ASSIGNMENT AND AGREEMENT

For value received, we, Benjamin John Eggleton of Summit, County of Union and State of New Jersey, Daniel Mahgerefteh of Los Angeles, State of California, Paul Steinvurzel of Jersey City, County of Hudson and State of New Jersey and Paul Stephen Westbrook of Chatham, County of Morris and State of New Jersey, assign and transfer to Lucent Technologies Inc., a corporation of the State of Delaware, having an office at 600 Mountain Avenue, Murray Hill, New Jersey 07974-0636, U.S.A., and its successors, assigns and legal representatives, the entire right, title and interest, for the United States of America, in and to certain inventions related to **OPTICAL PULSE SOURCE FOR LONG HAUL OPTICAL COMMUNICATION SYSTEMS** described in an application for Letters Patent of the United States and all the rights and privileges in said application and under any and all Letters Patent that may be granted in the United States for said inventions; and we also concurrently hereby sell, assign and transfer to Lucent Technologies Inc. the entire right, title and interest in and to said inventions for all countries foreign to the United States, including all rights of priority arising from the application aforesaid, and all the rights and privileges under any and all forms of protection, including Letters Patent, that may be granted in said countries foreign to the United States for said inventions.

We authorize Lucent Technologies Inc. to make application for such protection in its own name and maintain such protection in any and all countries foreign to the United States, and to invoke and claim for any application for patent or other form of protection for said inventions, without further authorization from us, any and all benefits, including the right of priority provided by any and all treaties, conventions, or agreements.

We hereby consent that a copy of this assignment shall be deemed a full legal and formal equivalent of any document which may be required in any country in proof of the right of Lucent Technologies Inc. to apply for patent or other form of protection for said inventions and to claim the aforesaid benefit of the right of priority.

We request that any and all patents for said inventions be issued to Lucent Technologies Inc. in the United States and in all countries foreign to the United States, or to such nominees as Lucent Technologies Inc. they may designate.

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We agree that, when requested, we shall, without charge to Lucent Technologies Inc. but at its expense, sign all papers, and do all acts which may be necessary, desirable or convenient in connection with said applications, patents, or other forms of protection.

Benjamin John Eggleton

Date: _____

United States of America)

State of) ss.:

County of)

On this ____ day of _____, 2002, before me personally came Benjamin John Eggleton, to me known to be the individual described in and who executed the foregoing instrument, and acknowledged execution of the same.

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Daniel Mahgerefteh

Date: _____

United States of America)

State of) ss.:

County of)

On this ____ day of _____, 2002, before me personally came Daniel Mahgerefteh, to me known to be the individual described in and who executed the foregoing instrument, and acknowledged execution of the same.

20020216 10084738 022602

Paul Steinvurzel

Date: _____

United States of America)

State of) ss.:

County of)

On this ____ day of _____, 2002, before me personally came Paul Steinvurzel, to me known to be the individual described in and who executed the foregoing instrument, and acknowledged execution of the same.

Notary Public

200320 88748001

Paul Stephen Westbrook

Date: _____

United States of America)

State of) ss.:

County of)

On this ____ day of _____, 2002, before me personally
came Paul Stephen Westbrook, to me known to be the individual described in and
who executed the foregoing instrument, and acknowledged execution of the same.

Notary Public

Lucent Technologies Inc.
600 Mountain Avenue (Room 3C-512)
P. O. Box 636
Murray Hill, New Jersey 07974-0636

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